

Fig. 17.4 (c) Mean and distribution of wind vectors for day 5 of cluster 9 (of 30).

Frequencies of 30 Clusters (Annually Defined)

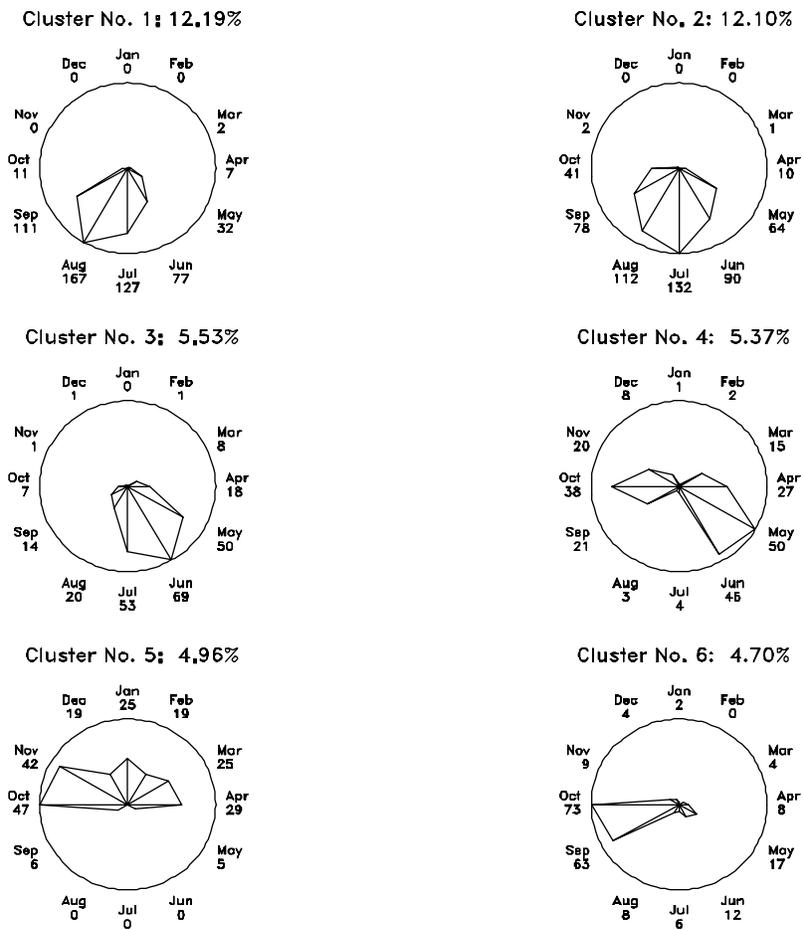


Fig. 17.5 (a) Monthly frequencies of annually derived clusters for clusters 1-6.

Frequencies of 30 Clusters (Annually Defined)

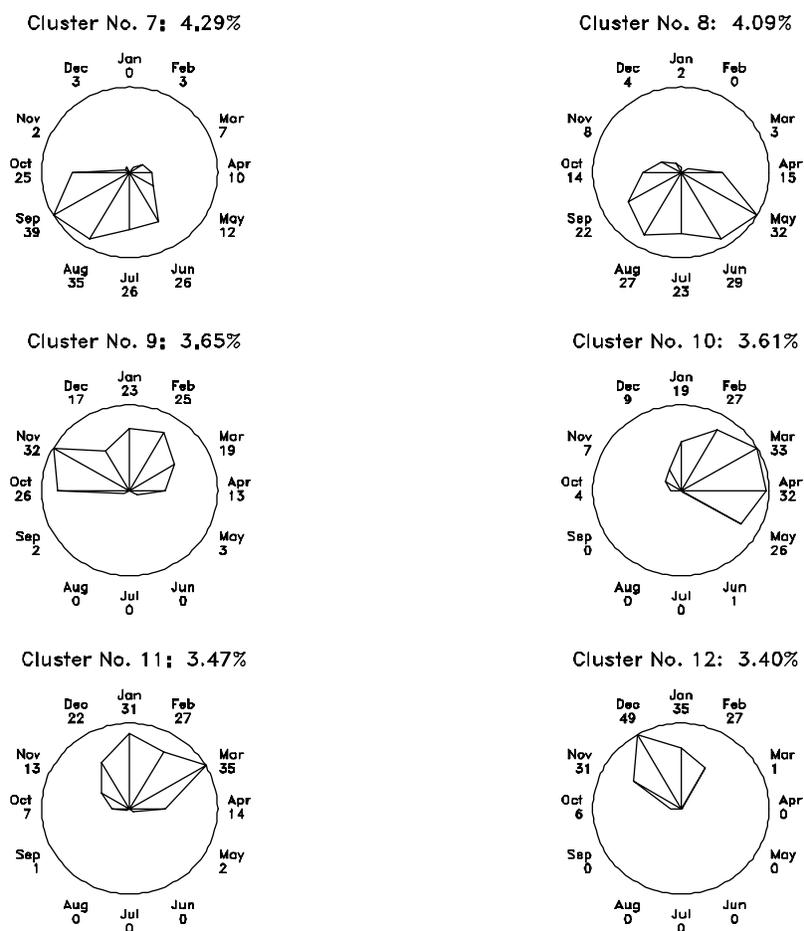
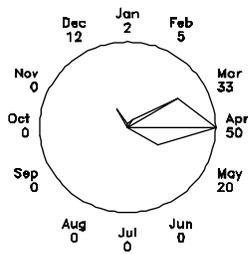


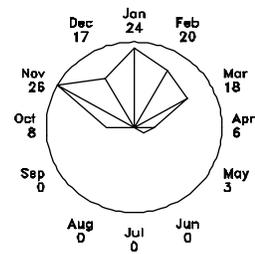
Fig. 17.5 (b) Monthly frequencies of annually derived clusters for clusters 7-12.

Frequencies of 30 Clusters (Annually Defined)

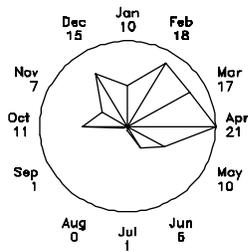
Cluster No. 13: 2.79%



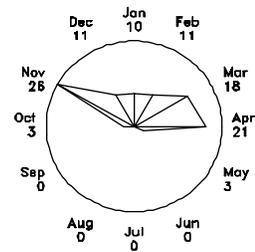
Cluster No. 14: 2.79%



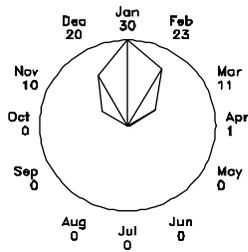
Cluster No. 15: 2.67%



Cluster No. 16: 2.35%



Cluster No. 17: 2.17%



Cluster No. 18: 2.08%

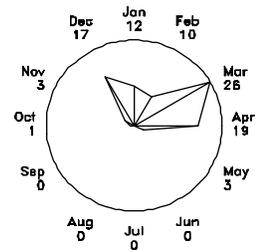
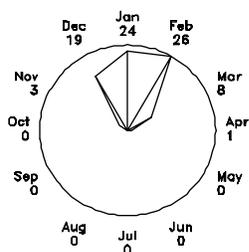


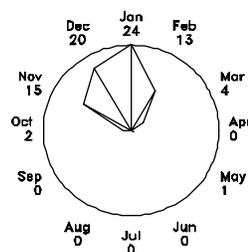
Fig. 17.5 (c) Monthly frequencies of annually derived clusters for clusters 13-18.

Frequencies of 30 Clusters (Annually Defined)

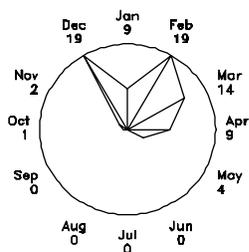
Cluster No. 19: 1.85%



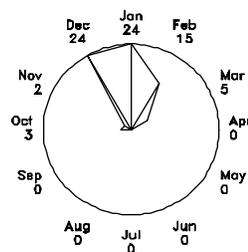
Cluster No. 20: 1.80%



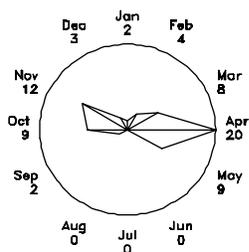
Cluster No. 21: 1.76%



Cluster No. 22: 1.67%



Cluster No. 23: 1.58%



Cluster No. 24: 1.55%

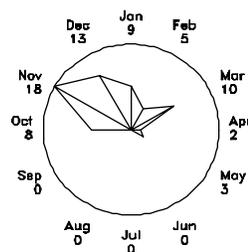
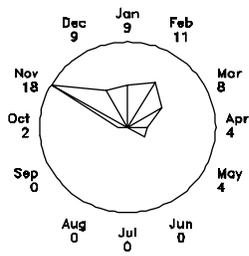


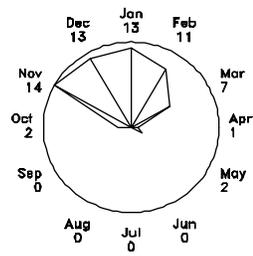
Fig. 17.5 (d) Monthly frequencies of annually derived clusters for clusters 19-24.

Frequencies of 30 Clusters (Annually Defined)

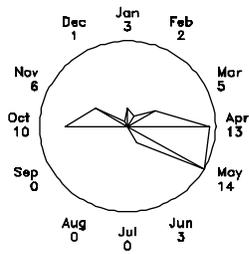
Cluster No. 25: 1.48%



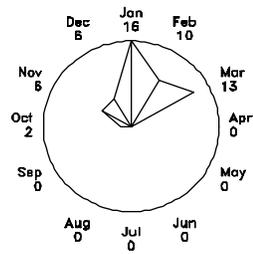
Cluster No. 26: 1.44%



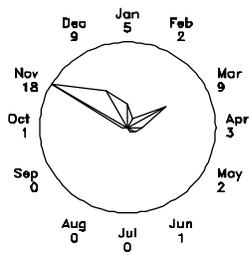
Cluster No. 27: 1.30%



Cluster No. 28: 1.21%



Cluster No. 29: 1.14%



Cluster No. 30: 1.00%

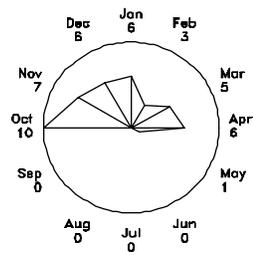


Fig. 17.5 (e) Monthly frequencies of annually derived clusters for clusters 25-30.



Fig. 17.6 Site locations for 201 meteorological parameters used in the evaluation.

Standard Deviation Versus Sample Size: Temperature
 Average (Across Stations) Standard Deviation Associated with
 Estimation of 1984-1992 Mean from Aggregation of 3-Day Episodes

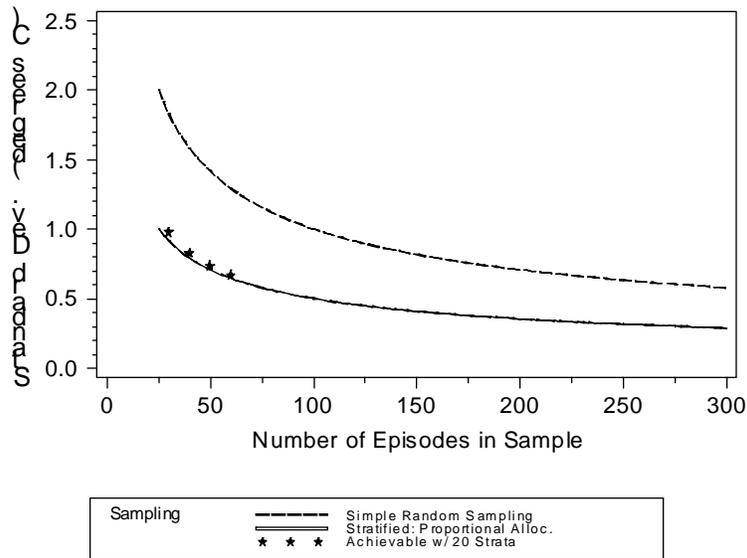


Fig. 17.7 (a) Standard deviation of estimated mean temperature versus sample size.

Standard Deviation Versus Sample Size: Relative Humidity
 Average (Across Stations) Standard Deviation Associated with
 Estimation of 1984-1992 Mean from Aggregation of 3-Day Episodes

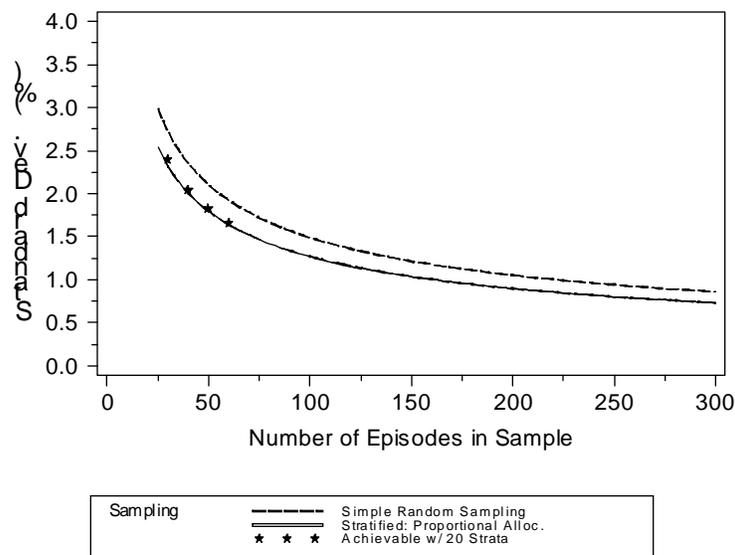


Fig. 17.7 (b) Standard deviation of estimated mean relative humidity versus sample size.

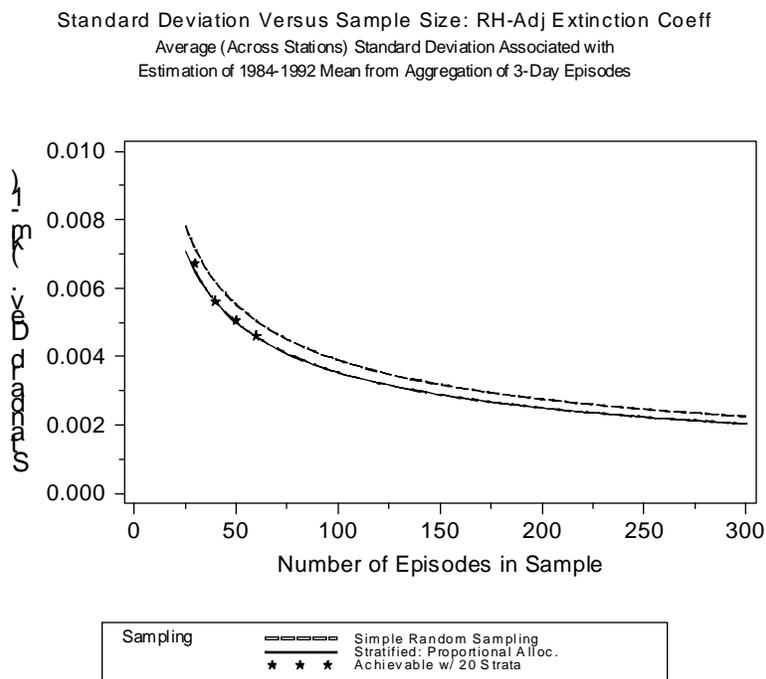


Fig. 17.7 (c) Standard deviation of estimated mean extinction coefficient (adjusted for relative humidity) versus sample size.

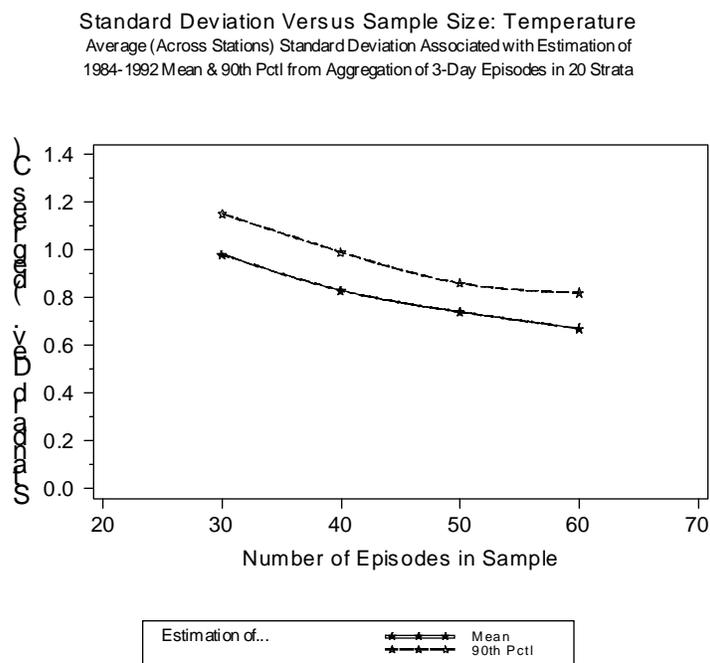


Fig. 17.8 (a) Standard deviation of estimated mean and 90th percentile temperature versus sample size.

Standard Deviation Versus Sample Size: Relative Humidity
 Average (Across Stations) Standard Deviation Associated with Estimation of
 1984-1992 Mean & 90th Pctl from Aggregation of 3-Day Episodes in 20 Strata

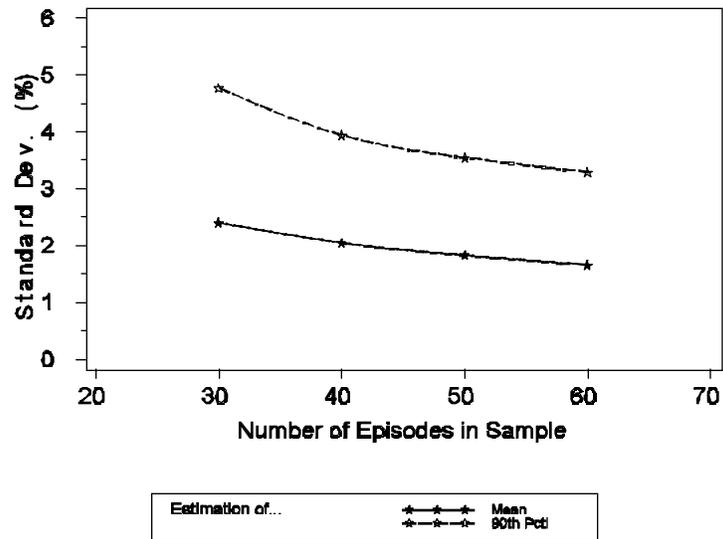


Fig. 17.8 (b) Standard deviation of estimated mean and 90th percentile relative humidity versus sample size.

Standard Deviation Versus Sample Size: RH-Adj Extinction Coeff
 Average (Across Stations) Standard Deviation Associated with Estimation of
 1984-1992 Mean & 90th Pctl from Aggregation of 3-Day Episodes in 20 Strata

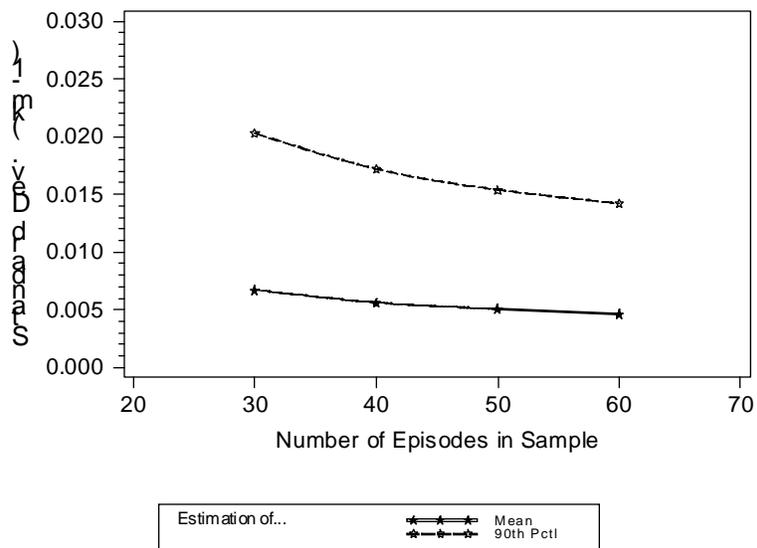
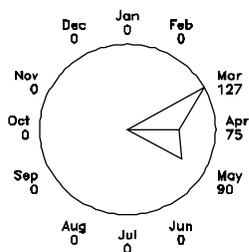


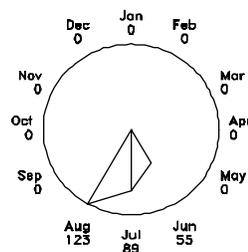
Fig. 17.8 (c) Standard deviation of estimated mean and 90th percentile extinction coefficient (adjusted for relative humidity) versus sample size.

Frequencies of 20 Clusters (5 Winter, 5 Spring, 5 Summer, 5 Autumn)

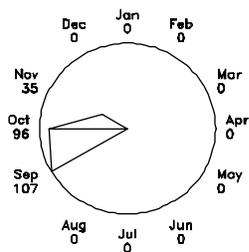
Cluster No. 1: 8.89% (SPRING)



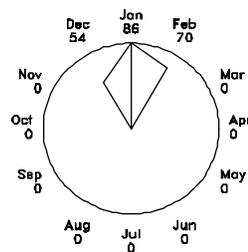
Cluster No. 2: 8.13% (SUMMER)



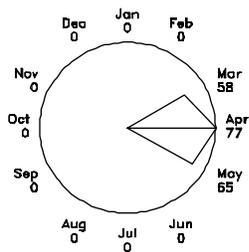
Cluster No. 3: 7.25% (AUTUMN)



Cluster No. 4: 6.39% (WINTER)



Cluster No. 5: 6.09% (SPRING)



Cluster No. 6: 5.72% (WINTER)

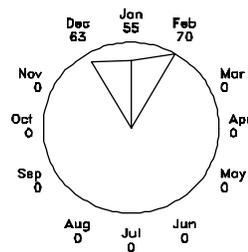
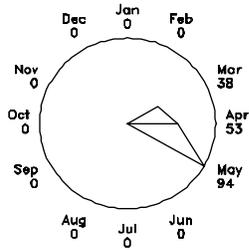


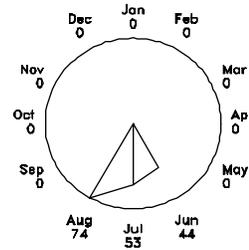
Fig. 17.9 (a) Monthly frequencies of seasonally derived clusters for clusters 1-6.

Frequencies of 20 Clusters (5 Winter, 5 Spring, 5 Summer, 5 Autumn)

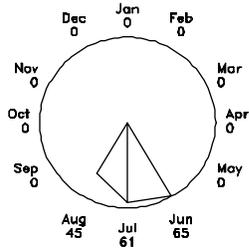
Cluster No. 7: 5.63% (SPRING)



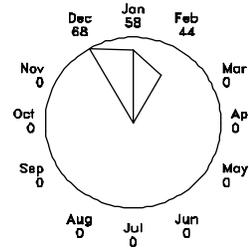
Cluster No. 8: 5.21% (SUMMER)



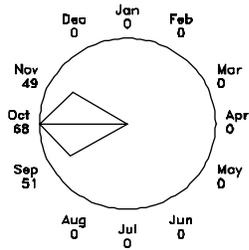
Cluster No. 9: 5.21% (SUMMER)



Cluster No. 10: 5.18% (WINTER)



Cluster No. 11: 5.12% (AUTUMN)



Cluster No. 12: 4.57% (AUTUMN)

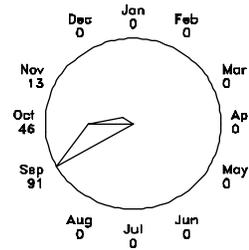
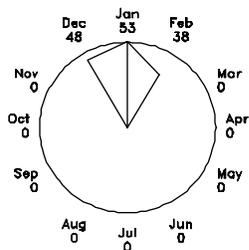


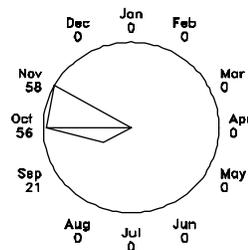
Fig. 17.9 (b) Monthly frequencies of seasonally derived clusters for clusters 7-12.

Frequencies of 20 Clusters (5 Winter, 5 Spring, 5 Summer, 5 Autumn)

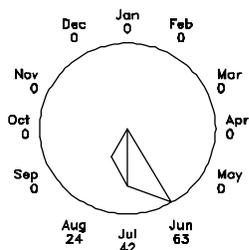
Cluster No. 13: 4.23% (WINTER)



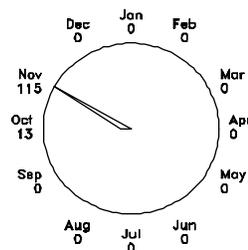
Cluster No. 14: 4.11% (AUTUMN)



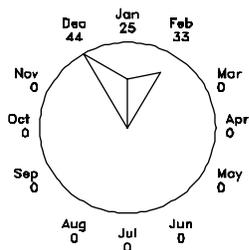
Cluster No. 15: 3.93% (SUMMER)



Cluster No. 16: 3.90% (AUTUMN)



Cluster No. 17: 3.11% (WINTER)



Cluster No. 18: 2.74% (SUMMER)

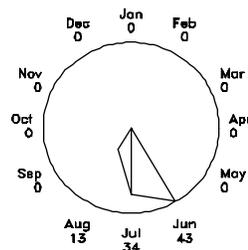


Fig. 17.9 (c) Monthly frequencies of seasonally derived clusters for clusters 13-18.